

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6615170").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/07 09:53
S1	710	burges.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:07
S2	6	S1 and (audio adj data).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:08
S3	2915	platt.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:08
S4	8	S3 and (audio adj data).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:09
S5	8404	speaker with (segment\$5 identif\$7 clasif\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:43
S6	257	S5 and ((convolutional near (neural adj network)) CNN) ((time near delay near (neural adj network)) TDNN)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:14
S7	155	S5 and (convolutional near (neural adj network)) (time near delay near (neural adj network))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:15

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S8	22	S5 and ((convolutional near (neural adj network)) (time near delay near (neural adj network)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:15
S9	1643	speaker adj (segment\$5 identif\$7 clasif\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:43
S10	0	S9 and ((normaliz&3) with (unit adj (length sphere)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:44
S11	6	S9 and (unit adj (length sphere))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:48
S12	100	speaker adj (indetification segmentation classification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:48
S13	646	speaker with (indetification segmentation classification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:03
S14	0	S13 and (neural adj netowrk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:49
S15	150	S13 and (neural adj network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:38

## EAST Search History

S16	3564	speaker with (identification segmentation classification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:35
S17	466	S16 and (neural adj network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:51
S18	8	S17 and ((unit adj vector) (unit adj length) (unit adj sphere))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:35
S19	7	S18 and (classification classified classify)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:53
S20	398	S17 and (classification classified classify)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:54
S21	391	S20 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:55
S22	11	S21 and ((cross adj entropy) (mean near square near error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:55
S23	2	("6404925").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/04 17:10

## EAST Search History

S24	646	speaker with (segmentation classification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:35
S25	2	S15 and ((unit adj vector) (unit adj length) (unit adj sphere))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:36
S26	56	S15 and (clustered clustering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:38
S27	8	("5598507"   "5659662"   "5664227"   "5806030"   "5872865"   "5875425"   "6009392"   "6073096").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 17:46
S28	1	("4802224").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 17:50
S29	2	("5606643").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:41
S30	0	temporal adj sequential adj smoothing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:42
S31	1	temporal adj sequential adj smoothing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:43
S32	184	temporal near smoothing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:43

## EAST Search History

S33	1	S32 and (speaker near (identification segmentation classification))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:49
S34	0	(speech near (segment frame unit)) same (temporal adj smothing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:50
S35	1	(speech near (segment frame unit)) same (temporal adj smoothing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:51
S36	0	(speech with (segment frame unit) with (tag label)) same (temporal adj smoothing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:51
S37	0	(speech with (segment frame unit) with (tag label)) same (temporal with smoothing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:51
S38	3	(speech with (segment frame unit) with (tag label)) same (smoothing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 12:14
S39	2	("20040260550").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 12:14